

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method of reducing the accumulation of globotriaosylceramide in a subject diagnosed as having Fabry disease comprising ~~administering to the subject a therapeutically effective amount of two or more of the following:~~

- ~~a) an exogenously produced natural or recombinant α -galactosidase A,~~
- ~~b) a viral or non-viral vector encoding a α -galactosidase A, and~~
- ~~c) a small molecule that inhibits upstream generation of lysosomal hydrolase substrate,~~

a) administering to the subject a viral or non-viral vector encoding a α -galactosidase A, and

b) subsequently administering to the subject a therapeutically effective amount of an exogenously produced natural or recombinant α -galactosidase A,

such that the accumulation of globotriaosylceramide in the subject is reduced.

2-5. (Canceled)

6. (Previously presented) The method according to claim 1 wherein the α -galactosidase A is a recombinant α -galactosidase A.

7-16. (Canceled)

17. (Previously presented) The method of claim 1, wherein the exogenously produced natural or recombinant α -galactosidase is administered intravenously.

18. (Previously presented) The method of claim 1, wherein the viral or non-viral vector encoding a α -galactosidase A is administered ex vivo.

19. (Previously presented) The method of claim 1, wherein the viral or non-viral vector encoding a α -galactosidase A is administered in vivo.